

20030223.qrp v02\_n840.qrl.20030223

Date: Sun, 23 Feb 2003 19:03:04 EST  
From: qrp-l@Lehigh.EDU  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: QRP-L digest 2840

QRP-L Digest 2840

Topics covered in this issue include:

- 1) [146534] fybo  
by Steven Weber <kd1jv@moose.ncia.net>
- 2) [146535] Aluminum Rods and PSK-31  
by George Reeves <george\_reeves@earthlink.net>
- 3) [146536] Re: NJQRP Digital Bread Board Project  
by Lew Paceley <lew@paceley.com>
- 4) [146537] FW: FYBO from ON  
by "Johan Smet" <johan\_smet@pandora.be>
- 5) [146538] Re: Aluminum Rods and PSK-31  
by JD Delancy <W1JD@drix.net>
- 6) [146539] Re: Aluminum Rods and PSK-31  
by Bob Nielsen <nielsen@oz.net>
- 7) [146540] KG6CYN DDS Signal Generator Question  
by Jim Campbell <jim-c@charter.net>
- 8) [146541] Re: Aluminum Rods and PSK-31  
by "James R. Duffey" <JamesDuffey@comcast.net>
- 9) [146542] FYBO: Fun from Burbank...  
by "Trevor Jacobs" <kg6cyn@earthlink.net>
- 10) [146543] TEN TEC CORSAIR PROBLEMS  
by hamjoel@juno.com
- 11) [146544] Re: FYBO: Look for Northern Vermont QRP Society  
by "Bob Tellefsen" <n6wg@earthlink.net>
- 12) [146545] FYBO - Thunderstorms  
by "Mike Majority" <n4vbm@earthlink.net>
- 13) [146546]  
by "Edgar Guillot" <n5ed@hotmail.com>
- 14) [146547] FYBO from Oregon  
by "Scott Rosenfeld [N7JI]" <ham@w3eas.umd.edu>
- 15) [146548] Re: KG6CYN DDS Signal Generator Question  
by "Trevor Jacobs" <kg6cyn@earthlink.net>
- 16) [146549] Re: NJQRP Digital Bread Board Project  
by "William Phinzy" <k6whp@verizon.net>
- 17) [146550] Re: KG6CYN DDS Signal Generator Question  
by "Trevor Jacobs" <kg6cyn@earthlink.net>
- 18) [146551] Chrystals are for what?  
by "Edgar Guillot" <n5ed@hotmail.com>
- 19) [146552] FYBO

- by W2AGN <w2agn@w2agn.net>
- 20) [146553] Re: Chrystals are for what?  
by Chuck Carpenter <w5usj@9plus.net>
- 21) [146554] Colorado QRP Club Winter QSO Party-TODAY  
by "DICK SCHNEIDER" <SCHNEIDERDICK@QWEST.NET>
- 22) [146555] Re: Aluminum Rods and PSK-31  
by "J. W. (Dub) Thornton" <dub@oklahoma.net>
- 23) [146556] CW - KOCH method -  
by Bruce Rattray <rattray@gpfn.sk.ca>
- 24) [146557] My Kingdom for a Crystal  
by k4vib@att.net
- 25) [146558] RE: Aluminum Rods and PSK-31  
by Mark Schoonover <schoon@amgt.com>
- 26) [146559] Norcal 30  
by "Dave Martin" <k2zu@seanet.com>
- 27) [146560] RE: Norcal Noreaster + problems  
by "Hubert Smits" <hubert.smits@btinternet.com>
- 28) [146561] Re: [Elecraft] Solar panel question  
by "Mike" <kw1nd.web@homeinternet.net>
- 29) [146562] FYBO New Mexico  
by "Karl F. Larsen" <k5di@zianet.com>
- 30) [146563] FS: OHR Classic 40M/20M Rig  
by "Alan Fryer" <N3BJ@hotmail.com>
- 31) [146564] Re: Aluminum Rods and PSK-31  
by "brian" <brian@iquest.net>
- 32) [146565] I FMBO in AR  
by Nick Kennedy <nkennedy@tcainternet.com>
- 33) [146566] Re: KG6CYN DDS Signal Generator Question  
by Pete Burbank <plburbank@earthlink.net>
- 34) [146567] FYBO  
by Wayne Rogers <w5kdj@juno.com>
- 35) [146568] Need your help  
by "John" <jdorson@worldshare.net>
- 36) [146569] Re: Aluminum Rods and PSK-31  
by Bob Nielsen <nielsen@oz.net>
- 37) [146570] PJ5/K3RGD ON 21.022  
by Fred Lesnick <flesnick@tbaytel.net>
- 38) [146571] NJ2YL FYBO log  
by David M Kopacki <kf2ew@juno.com>
- 39) [146572] Wanted: Homebrew Tube CW Transmitter  
by "Alan Fryer" <N3BJ@hotmail.com>
- 40) [146573] FYBO from Colorado  
by Gary Slagel <gdslagel@yahoo.com>
- 41) [146574] RE: Aluminum Rods and PSK-31  
by "JB Crafts" <jbcraft@adelphia.net>
-

Date: Sat, 22 Feb 2003 16:11:58 -0500  
From: Steven Weber <kd1jv@moose.ncia.net>  
To: qrp-l@lehigh.edu  
Subject: [146534] fybo  
Message-ID: <3.0.6.32.20030222161158.007ab410@mailhost.ncia.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

That was interesting. I didn't get my act together until after noon time, having watched the local noontime forecast on TV which showed the Wx won't get this far north 'till later in the afternoon. Got to the trail head about 18:00 UTC.

Snowshoe'd about 3/4 mile up into the woods, just far enough to feel like I went someplace and get a few hundred feet above the valley floor. Temps, mid 30's. Location, lower slopes of Mt Madison, WMNF.

First problem, the fishing line spinner kept snagging and lost my sinker in the snow after the second attempt. Plan B. Tied my mini-mulltitool to a piece of twine and tossed that up into the trees. After a few attempts, finally got that high enough to set up a 20M "Wye" vertical.

Second problem, was going to try some SSB, but found I forgot to replace the audio amp chip in the WM-20, having "borrowed" it to prototype the Table Top Nor'Easter. Plan B, set up the CW rig.

Third problem, the perment marker I grabbed to log with ran dry half way into the first exchange. No Plan B.

Forth problem, the sleet started showing up a few minutes later and everything started getting wet. Temp now 34F. So, after the third contact, decided to pack up and get the heck out of the woods before the roads started to ice up.

Well, at least got out and made a few contacts, that's what counts!

72,  
Steve, KD1JV  
"Melt Solder"  
White Mountains of New Hampshire  
<http://www.qsl.net/kd1jv/>

-----  
Date: Sat, 22 Feb 2003 17:00:47 -0500  
From: George Reeves <george\_reeves@earthlink.net>  
To: qrp-l@lehigh.edu

Subject: [146535] Aluminum Rods and PSK-31  
Message-ID: <3E57F30F.2CE680B6@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I am interested in building the 2-mtr Yagi antenna described in the article at <http://www.clarc.org/Articles/uhf.htm>. I'm looking for a source for 1/8" aluminum rod or tubing. I've found a source for a 1/8"x48" non-plated steel round rod. If I used this, how should I treat it to eliminate rust and corrosion?

I am also interested in PSK-31. I have a Yaesu FT-817. I'd like recommendations for a PSK-31/RTTY interface to use with the FT-817. I'm particularly interested in the Tigertronics SL-1, but will listen for any other recommendations.

Thanks es 73's,

George  
WA4TNU

-----  
Date: Sat, 22 Feb 2003 17:56:14 -0600  
From: Lew Paceley <lew@paceley.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Cc: k6whp@verizon.net  
Subject: [146536] Re: NJQRP Digital Bread Board Project  
Message-ID: <000301c2dacd\$fc30c280\$6501a8c0@swbell.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=Windows-1252  
Content-transfer-encoding: 7BIT

Hi Bill,  
Here's the URL for one C compiler choice for the 08 series. You can download a code space limited trial version here:  
[http://www.cosmic-software.com/6808Lite\\_free.htm](http://www.cosmic-software.com/6808Lite_free.htm)

I haven't tried the cosmic compiler, so I can't vouch for the quality. Just got a new \$50 Zilog eval board that has a free C compiler and I'm going to play with it first. It's pretty tough to find this much value (C compiler & terrific eval board) for \$50:  
<http://www.zilog.com/z8encore/>

GL es Have fun!

72/73,  
\*Lew\*  
N5ZE

-----  
Date: Sun, 23 Feb 2003 01:07:47 +0100  
From: "Johan Smet" <johan\_smet@pandora.be>  
To: <qrpl-1@lehigh.edu>  
Subject: [146537] FW: FYBO from ON  
Message-ID: <EIELKLLAKHJMDPPKMKALGELHCNAA.johan\_smet@pandora.be>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

-----Oorspronkelijk bericht-----  
Van: Johan Smet [mailto:johan\_smet@pandora.be]  
Verzonden: 23-02-2003 1:03  
Aan: qrpl-1@Lehigh.edu  
Onderwerp: FYBO from ON

Hi All,

Here's a 16:00-18:00 and 19:00-20:00 FYBO monitoring list, 14/21/28 MHz. R7 vertical. Congrats to all freezing b...s out there!

28 MHz  
N4BP HRD  
N9NE WI TODD 5W 23F WKD, no QSL

21 MHz  
N4BP FL BOB 5W 77F HRD  
? ? GREG ? 43F HRD  
K4MF FL GARY 5W 81F WKD  
?JM VA TOM ? 70F HRD  
W9OVK ? ? ? ? HRD  
? MD HARRY ? ? GRD  
W3ANX PA GEO 5W 67F HRD

14 MHz  
NJ2YL NJ ASHLEY 5W 72F WKD

Now, back to the ON CW contest,

72,

Johan ON5EX

-----  
Date: Sat, 22 Feb 2003 19:12:20 -0500  
From: JD Delancy <W1JD@drix.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [146538] Re: Aluminum Rods and PSK-31  
Message-ID: <3E5811E3.D4720B79@drix.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7BIT

The Lowe's home improvement center and True Value store in my area have aluminum rod in stock. If you got those stores around you, might be worth a trip there..

jd

George Reeves wrote:

> I am interested in building the 2-mtr Yagi antenna described in the  
> article at <http://www.clarc.org/Articles/uhf.htm>. I'm looking for a  
> source for 1/8" aluminum rod or tubing. I've found a source for a  
> 1/8"x48" non-plated steel round rod. If I used this, how should I treat  
> it to eliminate rust and corrosion?  
>  
> I am also interested in PSK-31. I have a Yaesu FT-817. I'd like  
> recommendations for a PSK-31/RTTY interface to use with the FT-817. I'm  
> particularly interested in the Tigertronics SL-1, but will listen for  
> any other recommendations.  
>  
> Thanks es 73's,  
>  
> George  
> WA4TNU

-----  
Date: Sat, 22 Feb 2003 17:09:03 -0800

From: Bob Nielsen <nielsen@oz.net>  
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [146539] Re: Aluminum Rods and PSK-31  
Message-ID: <20030223010903.GA11243@n7xy.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Disposition: inline

Texas Towers has 3/16" (.25/ft) and 1/4" (.45/ft) aluminum rod in 6 and 12 foot lengths.

I can't really help on the interface. I have both a Rascal and a Rigblaster, but haven't yet hooked up either one. The construction quality of the Rigblaster is much better than that of the Rascal.

73,  
Bob, N7XY

On Sat, Feb 22, 2003 at 05:00:47PM -0500, George Reeves wrote:  
> I am interested in building the 2-mtr Yagi antenna described in the  
> article at <http://www.clarc.org/Articles/uhf.htm>. I'm looking for a  
> source for 1/8" aluminum rod or tubing. I've found a source for a  
> 1/8"x48" non-plated steel round rod. If I used this, how should I treat  
> it to eliminate rust and corrosion?  
>  
> I am also interested in PSK-31. I have a Yaesu FT-817. I'd like  
> recommendations for a PSK-31/RTTY interface to use with the FT-817. I'm  
> particularly interested in the Tigertronics SL-1, but will listen for  
> any other recommendations.  
>  
> Thanks es 73's,  
>  
> George  
> WA4TNU  
>  
>

--  
Bob Nielsen, N7XY  
Bainbridge Island, WA  
IOTA NA-065, USI WA-028S  
n7xy@n7xy.net  
<http://www.n7xy.net>

-----  
Date: Sat, 22 Feb 2003 20:42:22 -0500  
From: Jim Campbell <jim-c@charter.net>  
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [146540] KG6CYN DDS Signal Generator Question

Message-ID: <3E5826FE.8040301@charter.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

While a lot of you were out FYBOing, I was happily inhaling rosin fumes. It was my first experience with SMT, and all-in-all, not too bad. I won't have nearly as much fear and trepidation the next time.

Now to the question. I have the DDS Signal Generator assembled, and now it is time to add the external connections. The first one I came to is the mechanical encoder. Look as I may, I cannot find any notation as to which is pin 1, etc. It may not matter which end I start with, but I would rather not find out I can't the hard way. Any help will be much appreciated.

72/73,

Jim  
W4BQP

-----  
Date: Sat, 22 Feb 2003 18:42:52 -0700  
From: "James R. Duffey" <JamesDuffey@comcast.net>  
To: qrp-1@lehigh.edu  
Cc: george\_reeves@earthlink.net  
Subject: [146541] Re: Aluminum Rods and PSK-31  
Message-ID: <BA7D752C.227E%JamesDuffey@comcast.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

George - I used 1/8 inch aluminum wire from Radio Shack sold for grounding TV masts when I built my "Cheap and Easy Yagis". It works fine. You can straighten it out a bit by rolling in between two boards.

The Yagis work fine. Easy to build, no tune, and they perform well. - Dr. Megacycle KK6MC/5

-----  
James R. Duffey KK6MC/5  
Cedar Crest NM 87009 DM65  
-----



Date: Sat, 22 Feb 2003 18:00:16 -0800  
From: "Trevor Jacobs" <kg6cyn@earthlink.net>  
To: "Elecraft Mailing List" <elecraft@mailman.qth.net>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [146542] FYBO: Fun from Burbank...  
Message-ID: <002301c2dadf\$510d8d40\$b3eab3d1@tjacobs>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Gang,

Got a bit of a late start today. Was really more checking out the new portable setup with the K1 and also scouting a local park out for a possible location for QRPTTF and Field Day with my friend Joe W1GFH, than serious contesting. It worked out great! There's some nice tall trees to suspend the antenna from. Since the K1 has the internal tuner, I got 40' of wire straight up into the air, going right to the K1 and used 4 33' ground radials. The BNC to Banana posts adapter came in very handy for this. BTW the Mountain Ops Tac Pack for the K1 showed up yesterday, and the complete station, including an extra set of Maha 2000 mAH AA's, the antenna, Palm paddles, pens and mini log all fit into the case. The whole station is no bigger than a 35mm camera case and very light weight. The only extra piece of gear we took along, was the EZ-Hang. This setup should be great for this years camping and TTF event and whenever I just feel like spending a couple of hours at the park.

As far as operating goes, we worked a few stations, but had a few onlookers approach us and ask what we were up to and that took away from the operating. Joe worked a few station as well as myself. We listened on 15, 20 and 40 meters, but all contacts were on 20 and 40. Here's who I worked:

20 Meters:

WB5QYT Tom NM  
K0EVZ Doc ND  
K7TQ Randy ID  
WQ0RP Jim MN

40 Meters:

W6MV Philip CA

Not a lot of contacts for about an hour of operation, but it was fun to get on and test out the portable setup. Local temp was around 70F so not exactly FYBO condx! Next year I think we'll plan a trip around the event

and get more serious about getting contacts. All contacts were with 3 watts except for WQORP where I bumped it up to 5. Take care and look for me next weekend on the air from Joshua Tree National Park again as we'll be camping there.

73's Trev KG6CYN  
<http://home.earthlink.net/~kg6cyn>  
<http://www.qsl.net/kg6cyn>

-----  
Date: Sun, 23 Feb 2003 02:03:23 GMT  
From: hamjoel@juno.com  
To: qrp-1@Lehigh.EDU, fpqrp-1@mpna.com  
Subject: [146543] TEN TEC CORSAIR PROBLEMS  
Message-ID: <20030222.180331.11116.160940@webmail05.lax.unttd.com>

Gots a problem  
Rig Ten Tec model 560

Problem .... power varies from 0 to full output if u tap the final circuit board anywhere...

Radio was working fine then just stopped drawing current

found diode open in low driver circuit

power now fluctuates when radio is bumped...

Any one have this prob before?

anyone have an old final board... problem seems to be on the output board...  
Ke1la joel  
in maine

KE1LA JOEL  
IN MAINE  
FREEZIN

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-----  
Date: Sat, 22 Feb 2003 18:28:11 -0800  
From: "Bob Tellefsen" <n6wg@earthlink.net>  
To: <qrp-1@lehigh.edu>  
Subject: [146544] Re: FYB0: Look for Northern Vermont QRP Society  
Message-ID: <MABBJ0EAB0ILMKCJCLFCEEPMEBAA.n6wg@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Good outing, John.  
I worked N1QS from San Francisco Bay area on 15m. Bob was your operator.  
Good signal. Hope you did well.  
73, Bob N6WG

-----  
Date: Sat, 22 Feb 2003 22:39:40 -0500  
From: "Mike Majority" <n4vbw@earthlink.net>  
To: qrp-1@lehigh.edu  
Subject: [146545] FYB0 - Thunderstorms  
Message-ID: <410-22003202333940812@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/html; charset=US-ASCII

<HTML><HEAD>  
<META http-equiv=Content-Type content="text/html; charset=windows-1251">  
<META content="MSHTML 5.50.4134.600" name=GENERATOR></HEAD>  
<BODY>  
<P><FONT face="MS Sans Serif" size=2>  
<DIV><FONT face="Times New Roman" size=3>&nbsp;  Started off ready - had the DSW-20  
set up with the diploe between the fence and swing canopy, an 8-pack of AA's and a  
4 amp-hr 12v batt just in case, shop door was open to let the warm air IN (got  
warm ahead of the thundersorms, was warmer outside than inside the shop, 61 deg F  
inside and 72 deg F outside). Got on the air at 1700Z after putting the 2 yr old  
down for a nap, but LOTS of severe fading as the big storms approached central  
South Carolina. Got 2 contacts (WB2SXN and WB9HFK, if these are wrong, apologies  
to the good folks who gave many repeats, the fading was too bad to copy all).  
Tried exchanging RST's, think I got&nbsp;  one 559 before the fade. Then the weather  
hit. Lots of static crashes soon followed by LOUD thunder, so QRT,  
disconnected,&nbsp;  and out to the truck to try mobile SSB from N0UR's post before  
the heavy rains hit. Unable to hear anyone with the storm and fading here. Had

some loud nets on, but no one could hear the mobile, even when went up to 100W. </FONT></DIV>  
<DIV><FONT face="Times New Roman" size=3></FONT>&nbsp;</DIV>  
<DIV><FONT face="Times New Roman" size=3>&nbsp;</FONT> Thanks Bob and crew for putting FYBO on, just wish cndx had been better. At least was an interesting propagation study to see how the fade rate increased as the storm approached. And the anticipation of getting ready was almost as much fun as being in FYBO. Oh well, will try again next year. Thanks again, Bob!</FONT></DIV>  
<DIV><FONT face="Times New Roman" size=3></FONT>&nbsp;</DIV>  
<DIV><FONT face="Times New Roman" size=3>&nbsp;</FONT> 72,</FONT></DIV>  
<DIV><FONT face="Times New Roman" size=3>Mike, N4VBV in South Carolina</FONT></DIV>  
<DIV>&nbsp;</DIV>  
<DIV>--- Mike Majority</DIV>  
<DIV>--- <A href="mailto:n4vbv@earthlink.net">n4vbv@earthlink.net</A></DIV>  
<DIV>&nbsp;</DIV>  
<DIV>&nbsp;</DIV></FONT>  
<P></P></BODY></HTML>

-----  
Date: Sat, 22 Feb 2003 21:55:11 -0600  
From: "Edgar Guillot" <n5ed@hotmail.com>  
To: qrp-l@Lehigh.EDU  
Message-ID: <F2721ju2iDL6e5f6WVY00010e55@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

ESS at <http://www.expandedspectrumsystems.com/prod4.html> has crystals for sale at these frequencies : \*3560, \*7040, 7190, \*10106, 10125, 14025, \*14060, 14200, 21026, \*21060, and \*28060 kHz. The ones with the \* , I know are for CW QRP calling frequencies, but does anyone know what the others are for?

N5Ed Guillot  
Cajun Country  
near New Orleans  
SOC #535  
ARRL Life Mem.

-----  
MSN 8 helps eliminate e-mail viruses. Get 2 months FREE\*.  
<http://join.msn.com/?page=features/virus>

-----  
Date: Sun, 23 Feb 2003 00:03:53 -0500 (EST)  
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>  
To: qrp-1 <qrp-1@lehigh.edu>  
Subject: [146547] FYBO from Oregon  
Message-ID: <Pine.LNX.4.44.0302222356150.13601-100000@w3eax.umd.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

The joys of parenthood.

No, really. It's great, but your time is so....planned out in advance...

OK, I'm thinking 8a-4p. Lots of time in there.

This morning, baby had to eat. Then off to flu shot clinic, then to Costco.

OK, we'll make it home by 1 pm...

Got home and started to put the station together. Time to try out the K2!

Hmmm, where's the fused power cord? Ten minutes.

Hmmm, where's that paddle with the 1/8" stereo plug? Ten minutes.

Dammit, where's my 1/4-1/8" adaptor? Fifteen minutes.

DAMMIT, I never did find the stupid adaptor. Grab soldering iron.

Find stereo plug. Solder to cord. Fifteen minutes.

OK, everything ready. Paper? Pen? ARRRGH!

OK, the radio's on, now how do I work it??? Ten minutes.

So finally, at 2 o'clock, I prepped for 2 hours of operating. I had a really good time, save for the pre-flight frustration, and I have come to wonder how I did without that K2 for so long!

I worked WB0WQS, whom I hadn't spoken to in probably three years.

I managed probably 20 QSOs, sitting on the back porch in temps ranging from 48-55 degrees in shorts and flip-flops. Hey, then sun WAS out!!!

Moral? No time to play radio? Take whatever you're given, whenever you get it (just don't neglect anything else).

--

Scott Rosenfeld ARS N7JI  
541-684-9970 Eugene, OR Land o' much rain  
If you find me on the air, I'm probably in my car  
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

-----  
Date: Sat, 22 Feb 2003 21:47:18 -0800  
From: "Trevor Jacobs" <kg6cyn@earthlink.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>,  
<jim-c@charter.net>  
Subject: [146548] Re: KG6CYN DDS Signal Generator Question  
Message-ID: <005d01c2daff\$139a7340\$68fcb3d1@tjacobs>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Jim and all,

The port for the Encoder was designed to accommodate both mechanical and optical encoders. The pin outs are listed on the schematic and are: 1 - GND, 2 - A, 3 - B, 4 - VCC (only used for optical encoders). Now, if you opted to use the Panasonic encoder listed in the parts list, it's pinout is 1 - A, 2 - B, 3 - GND. The pins are numbered with the shaft facing up and #1 on the left. Hope this helps...

73's Trev KG6CYN  
<http://home.earthlink.net/~kg6cyn>  
<http://www.qsl.net/kg6cyn>

----- Original Message -----

From: Jim Campbell <jim-c@charter.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Sent: Saturday, February 22, 2003 5:42 PM  
Subject: KG6CYN DDS Signal Generator Question

> While a lot of you were out FYB0ing, I was happily inhaling rosin fumes.  
> It was my first experience with SMT, and all-in-all, not too bad. I  
> won't have nearly as much fear and trepidation the next time.  
>

> Now to the question. I have the DDS Signal Generator assembled, and  
now  
> it is time to add the external connections. The first one I came to  
is  
> the mechanical encoder. Look as I may, I cannot find any notation as  
to  
> which is pin 1, etc. It may not matter which end I start with, but I  
> would rather not find out I can't the hard way. Any help will be much  
> appreciated.  
>  
> 72/73,  
>  
> Jim  
> W4BQP  
>  
>

-----  
Date: Sat, 22 Feb 2003 22:04:34 -0800  
From: "William Phinizy" <k6whp@verizon.net>  
To: "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [146549] Re: NJQRP Digital Bread Board Project  
Message-ID: <003601c2db01\$71bcbd00\$a361e043@sydelpgnr79gmd>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Just to reiterate to the group what I said privately to Lew: this seems like  
one heck of a deal! I tumbled for it right away being a veteran of the Z80  
wars back in the 80's.

Bill, k6whp

-----  
Date: Sat, 22 Feb 2003 22:21:55 -0800  
From: "Trevor Jacobs" <kg6cyn@earthlink.net>  
To: <jim-c@charter.net>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [146550] Re: KG6CYN DDS Signal Generator Question  
Message-ID: <007001c2db03\$dd6a20e0\$68fcb3d1@tjacobs>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Ooops got that wrong...Panasonic encoder pin out is 1 - A, 2 - B, 3 - No Connection, 4 - GND. Got it mixed up with another project...

73's Trev KG6CYN

<http://home.earthlink.net/~kg6cyn>

<http://www.qsl.net/kg6cyn>

----- Original Message -----

From: Jim Campbell <jim-c@charter.net>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: Saturday, February 22, 2003 5:42 PM

Subject: KG6CYN DDS Signal Generator Question

> While a lot of you were out FYBOing, I was happily inhaling rosin fumes.

> It was my first experience with SMT, and all-in-all, not too bad. I

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> the mechanical encoder. Look as I may, I cannot find any notation as to

> which is pin 1, etc. It may not matter which end I start with, but I

> would rather not find out I can't the hard way. Any help will be much

> appreciated.

>

> 72/73,

>

> Jim

> W4BQP

>

>

-----  
Date: Sun, 23 Feb 2003 00:45:07 -0600

From: "Edgar Guillot" <n5ed@hotmail.com>

To: qrp-l@Lehigh.EDU

Subject: [146551] Chrystals are for what?

Message-ID: <F87odpQSMr7zSXgWt99000089ce@hotmail.com>

Mime-Version: 1.0

Content-Type: text/plain; format=flowed



ESS at <http://www.expandedspectrumsystems.com> has crystals for sale at these frequencies : \*3560, \*7040, 7190, \*10106, 10125, 14025, \*14060, 14200, 21026, \*21060, and \*28060 kHz. The ones with the \* , I know are for CW QRP calling frequencies, but does anyone know what the others are for?

N5Ed Guillot  
Cajun Country  
near New Orleans  
SOC #535  
ARRL Life Mem.

---

Add photos to your e-mail with MSN 8. Get 2 months FREE\*.  
<http://join.msn.com/?page=features/featuredemail>

---

Date: Sun, 23 Feb 2003 08:54:12 -0500 (Eastern Standard Time)  
From: W2AGN <w2agn@w2agn.net>  
To: qrp-l@Lehigh.EDU  
Subject: [146552] FYBO  
Message-ID: <3E58D284.000005.74367@w2agn>  
MIME-version: 1.0  
Content-type: Text/Plain  
Content-transfer-encoding: 7BIT

Well, FYBO was interesting to say the least. I operated INSIDE, using the Vintage TT stuff. If you worked me on 40M, you worked the old Power Mite. Also some on 20, but the SWBC made me go to the old Argo 505 there. It POURED rain. But the, there was thunder and lightening...in February. Had to shut down for a while. I am still hearing static crashes..(no AGC in the PM!).

Got the shack temp down to 59 deg by turning off the radiator the night before and closing the door, so at least got to operate with a sweater. Only 27 QSOs, though.

Now looking forward to QRPTTF!

+---+---+---+---+ John L. Sielke  
|W||2||A||G||N| <http://www.w2agn.net> [UPDATED]

+---+---+---+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

-----  
Date: Sun, 23 Feb 2003 07:57:19 -0600  
From: Chuck Carpenter <w5usj@9plus.net>  
To: n5ed@hotmail.com, qrp-l@lehigh.edu  
Subject: [146553] Re: Chrystals are for what?  
Message-ID: <3.0.2.32.20030223075719.00800920@mail.9plus.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Ed,

They can be used to give you a little more rockbound frequency agility and move around the bands some. Note that a couple of them are at or very near frequency boundaries for different license categories. You may need to pull them higher to avoid a problem.

>sale at these frequencies : \*3560, \*7040, 7190, \*10106, 10125, 14025, \*14060, >14200, 21026, \*21060, and \*28060 kHz. The ones with the \* , I know are for >CW QRP calling frequencies, but does anyone know what the others are for?

FYI, exeriments that I've done with some of them in a Colpitts oscillator produced about half the power output of HC-49s on about the same frequency. Measuring with an RF probe right at the input to the oscillator from the crystal produced about half the drive voltage. They might do better in a different oscillator configuration and worked just fine otherwise.

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1  
Rock-Mites on 80, 40, 30, 20 and 15 Meters  
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57  
Zombie #759, COG #11, 6 Club #201, NETXQRP <http://www.netxqrp.org>

-----  
Date: Sun, 23 Feb 2003 08:32:18 -0700  
From: "DICK SCHNEIDER" <SCHNEIDERDICK@QWEST.NET>  
To: "Qrp-L" <qrp-l@Lehigh.EDU>  
Subject: [146554] Colorado QRP Club Winter QSO Party-TODAY  
Message-ID: <NGBBLPCACLFMIBMEGDMOEIFCHAA.SCHNEIDERDICK@QWEST.NET>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 8bit

TODAY!

Colorado QRP Club Winter QSO Party

When: 2200 UTC February 23 to 0400 UTC February 24, 2003.  
(Sunday afternoon North America local time)

Band/Mode: CW - 1.825 3.560 3.710 7.040 7.110 14.040 21.060 21.110 28.060  
28.110

Phone - 1.910 3.985 7.285 14.285 21.385 28.385

Exchange: RS(T), state/province/DXCC country, first name, and CQC no. or  
power output.

Classes: CW and Phone. Single band, Multiband, and Homebrew. Single operator  
only.

Power: 5 Watts output or less.

Score: 6pts/4pts/CW QSO with member/non-member; score 3pt/2pts/phone QSO  
w/member/non-member.

Final score is QSO pts X states/provinces/DXCC countries X  
number of first names worked,  
one/letter of the alphabet, 26 max. Bonus points for working  
W CQC station - 1000 points.

Entry: Electronic logs in ASCII text format only, may be sent to:  
contest@cqc.org

Paper logs can be mailed to:

CQC Contest  
POB 371883  
Denver CO 80237-1883

72 Dick AB0CD..

-----  
Date: Sun, 23 Feb 2003 09:41:48 -0600  
From: "J. W. (Dub) Thornton" <dub@oklahoma.net>  
To: qrp-l@lehigh.edu  
Subject: [146555] Re: Aluminum Rods and PSK-31  
Message-ID: <5.2.0.9.2.20030223093648.01157a90@mail.oklahoma.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

George:

Back in the 70's, when such things were still in common use, I used alumn clothes line wire to build a Quagi for two meters. I gave it away in the late 70's, but a coupla months ago, I had occassion to pass the house where it was put up when I gave it away. It is still flying, and from the ground, appears to be in good shape. The wire was approx 1/8 to 3/16" in dia (from memory), and was available at hardware stores and lumber yards.

"73" Dub

At 05:00 PM 2/22/2003 -0500, you wrote:

>I am interested in building the 2-mtr Yagi antenna described in the  
>article at <http://www.clarc.org/Articles/uhf.htm>. I'm looking for a  
>source for 1/8" aluminum rod or tubing. I've found a source for a  
>1/8"x48" non-plated steel round rod. If I used this, how should I treat  
>it to eliminate rust and corrosion?

>

>I am also interested in PSK-31. I have a Yaesu FT-817. I'd like  
>recommendations for a PSK-31/RTTY interface to use with the FT-817. I'm  
>particularly interested in the Tigertronics SL-1, but will listen for  
>any other recommendations.

>

>Thanks es 73's,

>

>George

>WA4TNU

-

J. W. (Dub) Thornton WA5YFY  
Minco, OK.

-----  
Date: Sun, 23 Feb 2003 11:00:33 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,  
Low Power Group <qrp-l@LeHigh.EDU>  
Subject: [146556] CW - KOCH method -  
Message-ID: <Pine.LNX.4.33.0302231049250.2325-1000000@neale.gpfn.sk.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have downloaded the program from the G4(?) site as I want to improve my

skill at copying morse code...it really looks like a great program and I have done a couple of short test runs...

...I have it set for 30 wpm...right away I noticed that I'm having trouble physically writing the letters down (2 of them to start with) fast enough on the paper...

...I will admit that my ability to write has changed over the years in that my hand sometimes shakes as I write...so I have to slow down some days in order to write as clearly as I can...sometimes I can write a letter that requires a part-circle (eg the capital letter "B" or "R") with no problem...other times my hand suddenly shakes while I'm making the circle so that if I try to keep going the letter is not recognizable...

...oh how I wish I hadn't learned cw the wrong way many years ago but I did...but I am determined to improve things and re-learn it the right way but I am having this physical problem when putting letter/numbers. signs to paper...any ideas?...are others having this similar difficulty?...  
...I don't have a typewriter...has anyone tried their keyboard?...

...thanks for any insight and experience...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -  
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -  
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

-----  
Date: Sun, 23 Feb 2003 17:08:40 +0000  
From: k4vib@att.net  
To: qrp-l@lehigh.edu  
Subject: [146557] My Kingdom for a Crystal  
Message-ID: <200302231708.h1NH8mk0031584@rain.CC.Lehigh.EDU>

I have come up short 1 HC49/U crystal for my xcvr project. The crystal is marked ECS-V 4.19-12 but I believe it's 4.1956Mhz. Does anyone have one they could send me. I would be forever in your debt. I have all the crystals I need for the filter and BFO but have lost or didn't order one for the xmit mixer.

Thanks,

Bill  
K4VIB

-----

Date: Sun, 23 Feb 2003 09:10:43 -0800  
From: Mark Schoonover <schoon@amgt.com>  
To: "'nielsen@oz.net'" <nielsen@oz.net>,  
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [146558] RE: Aluminum Rods and PSK-31  
Message-ID: <BF889CEBEFD2D511B993009027F60ABE4F678E@AG-JASMINE-NT4>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

I've had good luck with copper coated welding rods. Not very long tho', but I have made several 2M beams out of them over the years.... Local welding supply place should have them...

73

.mark

-----Original Message-----

From: Bob Nielsen [mailto:nielsen@oz.net]  
Sent: Saturday, February 22, 2003 5:09 PM  
To: Low Power Amateur Radio Discussion  
Subject: Re: Aluminum Rods and PSK-31

Texas Towers has 3/16" (.25/ft) and 1/4" (.45/ft) aluminum rod in 6 and 12 foot lengths.

I can't really help on the interface. I have both a Rascal and a Rigblaster, but haven't yet hooked up either one. The construction quality of the Rigblaster is much better than that of the Rascal.

73,  
Bob, N7XY

On Sat, Feb 22, 2003 at 05:00:47PM -0500, George Reeves wrote:  
> I am interested in building the 2-mtr Yagi antenna described in the  
> article at <http://www.clarc.org/Articles/uhf.htm>. I'm looking for a  
> source for 1/8" aluminum rod or tubing. I've found a source for a  
> 1/8"x48" non-plated steel round rod. If I used this, how should I treat  
> it to eliminate rust and corrosion?  
>  
> I am also interested in PSK-31. I have a Yaesu FT-817. I'd like  
> recommendations for a PSK-31/RTTY interface to use with the FT-817. I'm  
> particularly interested in the Tigertronics SL-1, but will listen for  
> any other recommendations.  
>

> Thanks es 73's,  
>  
> George  
> WA4TNU  
>  
>

--

Bob Nielsen, N7XY  
Bainbridge Island, WA  
IOTA NA-065, USI WA-028S

n7xy@n7xy.net  
<http://www.n7xy.net>

-----  
Date: Sun, 23 Feb 2003 09:36:06 -0800  
From: "Dave Martin" <k2zu@seanet.com>  
To: "qrp-1" <qrp-1@Lehigh.EDU>  
Subject: [146559] Norcal 30  
Message-ID: <000501c2db62\$0c602260\$3ea32640@davemartin>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Does anyone have current info on the Norcal 30 arrival date?  
Dave K2ZU

-----  
Date: Sun, 23 Feb 2003 17:29:18 -0000  
From: "Hubert Smits" <hubert.smits@btinternet.com>  
To: <kd1jv@moose.ncia.net>,  
      "'Low Power Amateur Radio Discussion'" <qrp-1@lehigh.edu>  
Subject: [146560] RE: Norcal Noreaster + problems  
Message-ID: <000001c2db61\$1a632110\$0100000a@mynote>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Steve et al,

Over the past weeks I've been looking at my Nor'Easter for a number of times, since I don't have audio coming out of the kit, only static. Remembering Steve's comments about soldering, I've gone over the board time and again, with and without magnifiers. I've resoldered all IC pins

and cleaned up any suspicious solder bridges. So I'm now convinced the soldering is ok.

The tuning of the kit went fine, all the expected voltages. The one odd thing is the frequency on TP1. This varies greatly, from 16.7038 to 16.7060MHz. It will not stabilize, whatever value of C11. C11 hardly seems to influence the frequency, the jitter is greater than the influence.

Then the voltages in the diagram. I start with 9V, the 78L05 produces 4.91V. All values are within .1V of the values in the diagram. I did find a defect transistor though: Q2 showed an emitter voltage of 0, after replacing the part all voltages are ok. This includes the corrections that Steve gives below for D1 and Q1.

Last odd thing: The CPU clock on pin 3 of the PLL is not 640KHz as the diagram says, but a little over 20 MHz.

Does anybody have an idea on where to start looking with this problem.

72 de Hubert - MM0GMM

```
| -----Original Message-----
| From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]
| On Behalf Of Steven Weber
| Sent: 21 January 2003 02:51
| To: Low Power Amateur Radio Discussion
| Subject: Norcal Noreaster + problems
|
|
| It seems a bunch of you have just gotten around to building
| the Nor'easter, and there is still probably a whole bunch
| more that haven't yet.
|
| There is an erratum on my web page, correcting the errors in
| the instructions and a copy of the missing parts layout sheet.
|
| Common problems:
|
| D1 in backwards. There should be about 400 mv across the
| diode, if not, it's in backwards and you will not get any audio.
|
| L3 has 16 turns and L4 has 10 turns.
|
| The 2.48 volts noted for the Q1 emitter should actually be
| the base voltage, the emitter is 1.8 something.
|
| I have looked at several boards people could not get to work.
```



| In all cases the problems were found to be bad or missing  
| solder connections. In one case Q1 was damaged, when the iron  
| slipped and broke the lead inside the package. So, this is  
| definitely the place to start. Everyone so far seems to have  
| gotten the parts in the right place :-)  
|  
| It is difficult to trouble shoot via email. I do my best, but  
| most of the time all I can say is check the solder connections!  
|  
| Worse comes to worse, I'm happy to fix the radio for you. But  
| it will cost you \$10.00 plus \$2.00 to mail it back!  
|  
|  
| 72,  
| Steve, KD1JV  
| "Melt Solder"  
| White Mountains of New Hampshire  
| <http://www.qsl.net/kd1jv/>  
|

-----  
Date: Sun, 23 Feb 2003 10:56:49 -0700 (MST)  
From: "Mike" <kw1nd.web@homeinternet.net>  
To: <BobDobson@aol.com>  
Cc: <qrp-1@Lehigh.EDU>  
Subject: [146561] Re: [Elecraft] Solar panel question  
Message-ID: <1046.216.222.109.234.1046023009.squirrel@webmail.velocitus.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=iso-8859-1  
Content-Transfer-Encoding: 8bit

> Question: If I want to add a solar panel to the system to charge the  
> same battery with a bit more "oomph", is it safe to merely place the  
> new panel in parallel with the old one, or is some sort of intervening  
> circuitry necessary?

Hi, Bob. Putting second panel in parallel (kind of addicting, isn't it?)  
should pose no problems and no additional circuitry, assuming:

- 1) the max charge current rate of the battery is not exceeded (I don't think Don's controller has current limiting, but I could be wrong)
- 2) the max charge current of the Don's controller isn't exceeded

Other than those two, you should be set. Parallel them at the panels and ensure your cable coming off the two is plenty heavy to handle the current. Actually, let me rephrase that. The current from two panels

isn't anything to worry about - even 18 gauge can probable handle it. The problem is the same for one panel or a dozen: voltage drop. DC voltage drop at 12 volts can be pretty dramatic, so the cable ends up being far heavier than common sense would seem to dictate. Since you've already got a running setup, this shouldn't be an issue. Check out <http://www.poweriseverything.com/impt-info/v-a-tablespage.html> - this will let you know what to plan for.

Hopefully I've been clear in my ramblings. Feel free to fire back with any questions.

73

Mike KW1ND

-----  
Date: Sun, 23 Feb 2003 11:31:11 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: qrp-1@lehigh.edu  
Subject: [146562] FYBO New Mexico  
Message-ID: <Pine.LNX.4.44.0302231057250.2102-100000@bucket.dog>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Karl Hess WF5A and Karl Me K5DI looked for a good spot to do FYBO and landed on a small park that's on the edge of the Rio Grande on both sides of Highway 70 in Las Cruces.

I arrived first and set my W3FF home made dipole to 20 meters. It sounded pretty good and I got my log sheet and dupe sheet and the rules all set out nice.

Karl Hess showed up and brought his store bought W3FF antenna and mast. We both set up at either end of a steel table that was on a concrete pad. The concrete was not flat and the big drenching rains we just had left puddles of water standing around our site.

We both have the Yaesu FT-817 radios and both have the 4.5 Amp-hour lead acid batteries from Radio Shack so we were set for a full day of operation.

The first problem was that we had massive interference between our stations. I had no idea what was wrong but we decided to let one

station make a contact and then the other would work. For some reason The little solar panel Karl H. brought caused him a lot of noise problems. Then he said he had a real high noise level. I reset his RF gain control and that fixed that.

Then for no reason we could find, all the interference between our stations ended. Bang! No interference at all. So we settled down and worked stations. Not a lot of guys in the contest on. But I was pleased to work Randy K7TQ and found we were colder than Idaho! Randy was down to Las Cruces a couple of years ago for this contest. I recall conditions were terrible.

Then the wind started blowing. When a paper blew off the table it ALWAYS landed in a puddle of water. All my records from the contest are water marked.

About noon the wind reached 40 mile an hour and the papers under large rocks were blowing off rock and all. We decided to pack up and go have lunch at Gowakamoly's, a small hole-in-the-wall hamburger joint. Every one figured after Mc Donalds and the other 9 Hamburger places arrived this place would fold. Instead it bought the house next door and expanded. Their Hamburger cost \$5.00 and it's worth every penny.

We went home and battend down our homes for a big blow.

I had a good time and will send in my score. I should win New Mexico since I think we were the only ones on from the state, and I beat Karl.

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

-----  
Date: Sun, 23 Feb 2003 18:40:59 +0000  
From: "Alan Fryer" <N3BJ@hotmail.com>  
To: qrp-l@lehigh.edu  
Subject: [146563] FS: OHR Classic 40M/20M Rig  
Message-ID: <OE15ngadGzbxnB7ZWkK0000b90a@hotmail.com>

For Sale: OHR Classic, dual band (40M/20M) rig in excellent condition, works fine, no mods, internal keyer. One of the best receivers around, great Fox Hunt rig. Original manual included.

\$125.00 shipped

Alan, N3BJ

-----  
Date: Sun, 23 Feb 2003 14:14:13 -0500  
From: "brian" <brian@iquest.net>  
To: <nielsen@oz.net>,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [146564] Re: Aluminum Rods and PSK-31  
Message-ID: <008901c2db6f\$c1496260\$12682bd1@bmurrey2K>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Bob,

Does the Rigblaster come already built?

I slapped together a RASCAL the other night for my TS140 and it went together pretty well. Not a bad kit for \$27.50 and it even worked! Which was a bonus. <grin>

73

=====  
KB9BVN/QRP - New Whiteland IN - EM69WN  
QRP-ARCI #10223 QRP-L #1540 FIST #5695  
FISTS CC #764 - Proud Member ARRL  
HEATH HW-9 @ 2W or NORCAL 40A @ 1.3W  
INTO INFAMOUS AF4PS ATTIC DIPOLE  
SOC #400 AND FLYING PIGS QRP #-57  
=====

----- Original Message -----

From: "Bob Nielsen" <nielsen@oz.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Saturday, February 22, 2003 8:09 PM  
Subject: Re: Aluminum Rods and PSK-31

> Texas Towers has 3/16" (.25/ft) and 1/4" (.45/ft) aluminum rod in 6  
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> quality of the Rigblaster is much better than that of the Rascal.

>  
> 73,  
> Bob, N7XY  
>  
> On Sat, Feb 22, 2003 at 05:00:47PM -0500, George Reeves wrote:  
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> >  
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FT-817. I'm  
> > particularly interested in the Tigertronics SL-1, but will listen  
for  
> > any other recommendations.  
> >  
> > Thanks es 73's,  
> >  
> > George  
> > WA4TNU  
> >  
> >  
>  
> --  
> Bob Nielsen, N7XY  
> Bainbridge Island, WA  
> IOTA NA-065, USI WA-028S  
>  
>  
  
n7xy@n7xy.net  
<http://www.n7xy.net>

-----  
Date: Sun, 23 Feb 2003 13:16:44 -0600  
From: Nick Kennedy <nkennedy@tcainternet.com>  
To: "Low Power Amateur Radio Discussion (E-mail)" <qrp-1@Lehigh.EDU>  
Subject: [146565] I FMB0 in AR  
Message-ID: <01C2DB3D.D0A72C60.nkennedy@tcainternet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

My problem is I've got too many good locations to choose from. But I couldn't resist the remote mountain top with the 112 feet microwave tower that some friends and I bought a couple years ago. Sure, I couldn't claim field day status, but I would at least be way out in the sticks in a place with a high potential for being chilly; at least for Arkansas.

The weather's bad but good but bad, if you know what I mean. A perfectly miserable gray winter day with gusting breezes and occasional rain--that's good. But in terms of absolute temperature, predictions were for 30's to low 50's--not much to brag about in FYBO terms.

I always seem to end up not being ready to operate until the contest is a couple hours old, so I got there good and early. Dragged the gear into the unheated cinder block house and propped the door open for good measure.

Hooked everything up. Temperature as indicated by the 1N4004 was 45 degrees. Forty sounded a little pale--some QRN and no FYBO activity heard.

Sent out a couple CQ FYBOs. No sale. Finally dug out my rules sheet.

Hey, the contest doesn't start for over an hour! I'm already freezing and by the time the thing starts I'll be a popsicle. So much for attention to detail.

Walked around, took photos, enjoyed the view from the bluffs. Shake my fist at the buzzards on our beam. Warmed up the truck and read a chapter of an Elmore Leonard from my survival kit.

The only permanent antenna at the site for 40 at the moment is a G5RV at about 40 feet. Pretty pathetic with a 112 foot tower at my disposal. But I've actually been fighting a cold that includes some dizziness as a side benefit, and decide that there will be no climbing for me today. So I hook the 2N2/40 to the G5RV and manage a few Qs: W5YA, WQ0RP, AK7Y, WA8VNZ.

Decide to go to 20.

For some reason, I just can't seem to get along with my Red Hot 20. Last year, some kind of frequency instability shut me down. Think I've fixed that but still couldn't score a QS0. Maybe I messed up my transmit offset.

So got out the IC-706-2G as a backup. There goes my battery classification. Twenty was a lot better: WA7LNU, W2AGN, N0SXX, N1CUU, WQ0RP, W5YA, WB8RTJ, K5OT. It was only 17:30 when I decided to pack it in, but my hands were freezing and it just wasn't my day for FYBO. Glad I got another one in the log and next year will be better.

My hat's off to the stations who gave me temps in the 20s and even the teens.

72 & stay warm--

Nick, WA5BDU  
in Arkansas

For a photo of the Big Tower in very non-FYBO weather:  
<http://www.cox-internet.com/wa5bdu/bigtower.htm>

-----  
Date: Sun, 23 Feb 2003 14:22:39 -0500  
From: Pete Burbank <plburbank@earthlink.net>  
To: jim-c@charter.net,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [146566] Re: KG6CYN DDS Signal Generator Question  
Message-ID: <5.2.0.9.0.20030223141717.00a32070@Earthlink.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Jim and gang.  
Sri I don't have the answer to your question. If any one has a KG6GYN kit  
built or unbuilt I would like to buy it.  
73  
Pete NV4V

At 08:42 PM 2/22/2003, Jim Campbell wrote:  
>While a lot of you were out FYBOing, I was happily inhaling rosin fumes.  
>It was my first experience with SMT, and all-in-all, not too bad. I won't  
>have nearly as much fear and trepidation the next time.  
>  
>Now to the question. I have the DDS Signal Generator assembled, and now  
>it is time to add the external connections. The first one I came to is  
>the mechanical encoder. Look as I may, I cannot find any notation as to  
>which is pin 1, etc. It may not matter which end I start with, but I  
>would rather not find out I can't the hard way. Any help will be much  
>appreciated.  
>  
>72/73,  
>  
>Jim  
>W4BQP  
>

-----  
Date: Sun, 23 Feb 2003 14:35:03 -0600  
From: Wayne Rogers <w5kdj@juno.com>

To: qrp-1@lehigh.EDU, SOC@mailman.qth.net  
Subject: [146567] FYBO  
Message-ID: <20030223.143503.-1941517.2.w5kdj@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Figured up my results: 98 contacts/32 spc's/800mw/on battery power + qso  
with NQ7RP = 22,544 points

in 7 hours of ops. How did some of you other folks do?

-----

Date: Sun, 23 Feb 2003 15:55:21 -0500  
From: "John" <jdorson@worldshare.net>  
To: "QRP-L" <qrp-1@Lehigh.EDU>  
Subject: [146568] Need your help  
Message-ID: <003f01c2db7d\$e554f3a0\$f73a8d41@ATHOME>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi all.

I need help to solve a situation that I have not been able to figure out.

I have a Mizuho QRP rig that has no side tone. I want to use a straight key instead of my paddle/keyer which has a side tone. Was thinking of something like a code practice oscillator that would also have an output for keying the rig.

Thanks.  
John K2JHU...  
South Island Real Estate  
jdorson@worldshare.net

-----

Date: Sun, 23 Feb 2003 13:02:39 -0800  
From: Bob Nielsen <nielsen@oz.net>  
To: brian <brian@iquest.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [146569] Re: Aluminum Rods and PSK-31  
Message-ID: <20030223210239.GB15080@n7xy.net>



Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Disposition: inline

Yes, the Rigblaster is already built. It is more expensive than a Rascal, however. The Rascal I have is the one for Kenwood rigs which uses the FSK features of the radio, and it is not sold as a kit, either.

73, Bob N7XY

On Sun, Feb 23, 2003 at 02:14:13PM -0500, brian wrote:

> Bob,  
>  
> Does the Rigblaster come already built?  
>  
> I slapped together a RASCAL the other night for my TS140 and it went  
> together pretty well. Not a bad kit for \$27.50 and it even worked!  
> Which was a bonus. <grin>  
>  
> 73  
>  
> =====  
> KB9BVN/QRP - New Whiteland IN - EM69WN  
> QRP-ARCI #10223 QRP-L #1540 FIST #5695  
> FISTS CC #764 - Proud Member ARRL  
> HEATH HW-9 @ 2W or NORCAL 40A @ 1.3W  
> INTO INFAMOUS AF4PS ATTIC DIPOLE  
> SOC #400 AND FLYING PIGS QRP #-57  
> =====  
>  
> ----- Original Message -----  
> From: "Bob Nielsen" <nielsen@oz.net>  
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
> Sent: Saturday, February 22, 2003 8:09 PM  
> Subject: Re: Aluminum Rods and PSK-31  
>  
>  
> > Texas Towers has 3/16" (.25/ft) and 1/4" (.45/ft) aluminum rod in 6  
> > and  
> > 12 foot lengths.  
> >  
> > I can't really help on the interface. I have both a Rascal and a  
> > Rigblaster, but haven't yet hooked up either one. The construction  
> > quality of the Rigblaster is much better than that of the Rascal.  
> >  
> > 73,  
> > Bob, N7XY

> >  
> > On Sat, Feb 22, 2003 at 05:00:47PM -0500, George Reeves wrote:  
> > > I am interested in building the 2-mtr Yagi antenna described in  
> the  
> > > article at <http://www.clarc.org/Articles/uhf.htm>. I'm looking for  
> a  
> > > source for 1/8" aluminum rod or tubing. I've found a source for a  
> > > 1/8"x48" non-plated steel round rod. If I used this, how should I  
> treat  
> > > it to eliminate rust and corrosion?  
> > >  
> > > I am also interested in PSK-31. I have a Yaesu FT-817. I'd like  
> > > recommendations for a PSK-31/RTTY interface to use with the  
> FT-817. I'm  
> > > particularly interested in the Tigertronics SL-1, but will listen  
> for  
> > > any other recommendations.  
> > >  
> > > Thanks es 73's,  
> > >  
> > > George  
> > > WA4TNU  
> > >  
> > >  
> >  
> > --  
> > Bob Nielsen, N7XY [n7xy@n7xy.net](mailto:n7xy@n7xy.net)  
> > Bainbridge Island, WA <http://www.n7xy.net>  
> > IOTA NA-065, USI WA-028S  
> >  
> >  
>  
>

--  
Bob Nielsen, N7XY [n7xy@n7xy.net](mailto:n7xy@n7xy.net)  
Bainbridge Island, WA <http://www.n7xy.net>  
IOTA NA-065, USI WA-028S

-----  
Date: Sun, 23 Feb 2003 16:57:55 -0500  
From: Fred Lesnick <[flesnick@tbaytel.net](mailto:flesnick@tbaytel.net)>  
To: QRPL <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>, QRP Canada <[qrp-canada@neale.gpfn.sk.ca](mailto:qrp-canada@neale.gpfn.sk.ca)>,  
vp2ve@surfbvi.com  
Subject: [146570] PJ5/K3RGD ON 21.022  
Message-ID: <3E5943E3.4C90241A@tbaytel.net>  
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Just worked Lee again on 21 megs this time.....worked him the other  
day on 18 megs.....nice signal...I got a 539 running 500mw into my  
dipole.....  
Lee is still on and calling, it is 2156z.....

Fred  
VE3FAL

-----  
Date: Sun, 23 Feb 2003 16:44:52 -0500  
From: David M Kopacki <kf2ew@juno.com>  
To: qrp-1@Lehigh.EDU  
Subject: [146571] NJ2YL FYB0 log  
Message-ID: <20030223.164654.-91726543.3.kf2ew@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Here is the FYB0 summary for my 10 year old daughter and I. She recently  
upgraded to Extra, and we both got vanity callsigns afterwards. Hers is  
NJ2YL and mine is NJ2OM!

This is the first time we could use her callsign for a contest. It  
turned out to be the best FYB0 we ever did. Highlights of the contest -  
working Johan, ON5EX, and Hans, TF2JPN! Coming in third was NQ7RP for  
the 10,000 bonus points. Thanks, Floyd!

Her old callsign was KC2GDT and mine was KF2EW.

Thanks, Bob, for another great time.

73,  
Mike & Ashley,  
NJ2OM, NJ2YL

QS0/ by hour and band

Hour	10m	15m	20m	40m	80m	Total	Cumm
OffTime							
1600Z	-	-	-	10/0	-	10/0	
10/0							
1700Z	-	-	1/0	7/0	-	8/0	

18/0						
1800Z	-	-		9/0	-	9/0
27/0						
1900Z	-	-		14/0	-	14/0
41/0						
2000Z	-	2/0	2/0	5/0	-	9/0
50/0						
2100Z	-	-	4/0	3/0	-	7/0
57/0						
2200Z	-	-	11/0	-	-	11/0
68/0						
2300Z	-	-	5/0	7/0	-	12/0
80/0						
Total:	0/0	2/0	46/0	32/0	0/0	

-----  
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 Visit [www.juno.com](http://www.juno.com)

-----  
 Date: Sun, 23 Feb 2003 21:42:42 +0000  
 From: "Alan Fryer" <N3BJ@hotmail.com>  
 To: qrp-l@Lehigh.EDU  
 Subject: [146572] Wanted: Homebrew Tube CW Transmitter  
 Message-ID: <0E30P4IdpDX0bR99kQg00005af8@hotmail.com>

Wanted: Homebrew, tube type, low power CW transmitter. Working, non-working, partially completed OK.

If you have one that is not being used, please let me know.

Alan, N3BJ

-----  
 Date: Sun, 23 Feb 2003 14:29:20 -0800 (PST)  
 From: Gary Slagel <gds slagel@yahoo.com>  
 To: QRP L <qrp-l@Lehigh.EDU>  
 Subject: [146573] FYBO from Colorado  
 Message-ID: <20030223222920.94095.qmail@web11605.mail.yahoo.com>  
 MIME-Version: 1.0  
 Content-Type: text/plain; charset=us-ascii

Man... pretty cold! I was perched on top of a picnic table in the middle of feets of snow at 9:30AM

yesterday. Lowest temp was 18F. I operated for about 2 hours and then had to get outta there... must not be as tuff as I used to be.

Started out (unintentionally) with the filter on the K2 as narrow as it would go... thinkin' 'man the bands are quiet'. Just couldn't think straight in that snow! Eventually figured out (3 or 4 qsos later) what I was doin' and the bands sounded better...still not great though I didn't think. I worked a grand total of 27 qsos. Not great but when I first arrived and saw all the snow I wasn't sure if I was gonna get the antenna up... so I was happy with it.

Posted some pics and my complete log at:

<http://gdslagel.bravepages.com/fybo2003/fybo2003.html>

Hope somebody enjoys them... I had a great time!

73, Gary

=====

Gary Slagel/N0SXX  
Conifer, CO 80433  
gdslagel@yahoo.com  
Personal Website: <http://gdslagel.bravepages.com>

-----  
Do you Yahoo!?  
Yahoo! Tax Center - forms, calculators, tips, more  
<http://taxes.yahoo.com/>

-----  
Date: Sun, 23 Feb 2003 17:45:10 -0500  
From: "JB Crafts" <jbcraft@adelphia.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [146574] RE: Aluminum Rods and PSK-31  
Message-ID: <LNBBKPLNIFBIPFGLNEDGAECNCDA.jbcraft@adelphia.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

George,

I don't know if anyone answered this, for the PSK31 interface, I made a simple interface for my FT817 using a design I found on K6XX's page.

I built it in a DB9 shell... very simple, very cheap.

Bob K8YS

-----  
End of QRP-L Digest 2840

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